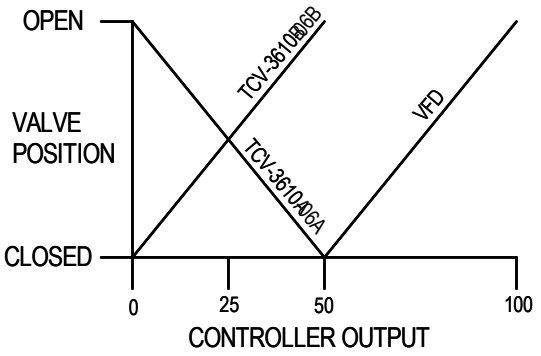


NOTES

1. ALL THE EQUIPMENT AND INSTRUMENT TAG NUMBERS ON THIS DRAWING ARE PREFIXED BY AREA CODE (16) AND PLANT AREA (01).
2. HYDRATE INHIBITOR INJECTION POINTS.
3. DELETED.
4. AIR COOLER BYPASS CONTROL VALVE IS USED TO ACHIEVE AUTOMATIC FINE TUNING OF OUTLET TEMPERATURE OF GAS EXPORT.
5. FLARE BRANCHES TO BE CONNECTED TO THE TOP ON THE MAIN HEADER AND/OR SUB-HEADER AT 45°.
6. ALL THE DRAIN BRANCH LINES SHALL ENTER THE CLOSED DRAIN HEADER AND SUB-HEADER ABOVE THE CENTERLINE.
7. DELETED.
8. FOR CHEMICAL INJECTION NOZZLE DETAILS REFER TO LEGEND P&ID 30.99.08.1601 SHT. 3 OF 16.
9. THE INLET AND OUTLET PIPING ON THE AIR COOLER IS SYMMETRICAL.
10. AIR COOLER IS HAVING MANUAL LOUVERS INDEPENDENT PER BUNDLE.
11. CONTROL VALVE IS PROVIDED WITH A MECHANICAL MINIMUM STOP TO ENSURE VALVE DOES NOT CLOSE MORE THAN REQUIRED FOR ANTI-SURGE FLOW AT MAXIMUM COMPRESSOR SPEED.
12. TWO-PHASE FLOW.
13. VALVE WITH METAL SEATS IN PEEK.
14. DELETED.
15. FOR DETAIL OF "TYPE 05B" REFER LEGEND P&ID NO 30.99.08.1601 SHT. 11 OF 16.
16. LOW TEMPERATURE ALARM AT COOLER OUTLET SET AT 20° C WHEN ACTIVATED (TI-3610-08) SHALL ALERT THE OPERATOR TO START HYDRATE INHIBITOR INJECTION AT COOLER.
17. IN ORDER TO AVOID FREQUENT START/STOP VFD FOR 50% OF THE FAN IS CONSIDERED.
18. ALL THE THERMOWELLS SHALL BE LOCATED AT LEAST 30D DOWN STREAM OF THE MIXING POINT FOR ACCURATE TEMPERATURE MEASUREMENT.
19. LINE IS ROUTED UPTO THE GRADE LEVEL NEAR TO THE LOCATION OF THE PORTABLE SKID.
20. REVERSE ACTING VALVES:



HOLDS:

1. AIR COOLER DETAILS WILL BE UPDATED ONCE VENDOR DETAILS ARE RECEIVED.
2. CONTROL VALVE SIZE TO BE CONFIRMED BY VENDOR

DRAWING REFERENCE

TITLE	DRG. NO.
P&ID LEGEND	P16093.30.99.08.1601 SHT. 1 TO 16
P&ID 1ST STAGE SUCTION DRUM V-3610	P16093.16.01.08.1678
P&ID 2ND STAGE SUCTION DRUM V-3610	P16093.16.01.08.1682
P&ID 1ST STAGE COMPRESSOR K-3610	P16093.16.01.08.1680
P&ID MP FLARE HEADER SAHIL CDS	P16093.16.39.08.1605
P&ID CLOSED DRAIN COLLECTION	P16093.16.01.08.1731

THIS DRAWING IS NEWLY DEVELOPED FOR THIS PROJECT NO.P16093

1	10/1/2024	KRA	ABS	SHA	ISSUED FOR CONSTRUCTION
E	7/31/2024	KRA	ABS	SHA	ISSUED FOR DESIGN
D	6/7/2024	KRA	ABS	SHA	ISSUED FOR HAZOP
C	3/12/2024	KRA	ABS	SHA	ISSUED FOR APPROVAL
B	2/18/2024	KRA	ABS	MAS	RE-ISSUED FOR REVIEW
A	1/26/2024	KRA	ABS	MEB	ISSUED FOR REVIEW
REV.	DATE	DRN.	CHD.	APD.	DESCRIPTION

SCALE: N.T.S LOCATION: SAHIL PROJECT No. P16093



أدنوك البرية
ADNOC Onshore

CONSULTANT / CONTRACTOR / VENDOR:

REJLERS TARGET

DRAWING No.

PROJECT: EPC OF SAHIL PHASE 3 DEVELOPMENT PROJECT

DRG. TITLE:
PIPING AND INSTRUMENT DIAGRAM
1ST STAGE COOLER : E-3610-01
EXPORT GAS COMPRESSOR CDS : SAHIL

DRG No.	16	01	08	1681	1	1	1
AREA	PIAREA	DOC CODE	SERIAL No.	REV.	SHT	OF	SHT